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Comet b 1902: PERRINE'S comet was last observed here before its perihelion passage on November 17, 1902. After passing the Sun the comet was visible only to observers in the southern hemisphere until late in January, 1903. On the 29th of January, I found the comet close to the place predicted by STRÖMGREN'S ephemeris, the observed data being:—

$$\begin{aligned}\text{Jan. 29, } 12^{\text{h}} 57^{\text{m}} 38^{\text{s}} \text{ Mt. Ham. M. T. } \alpha &= 9^{\text{h}} 5^{\text{m}} 53^{\text{s}}.99 \\ \delta &= -41^{\circ} 0' 55''.7\end{aligned}$$

Since then the comet has moved rapidly north and west, passing close to *Sirius* in the latter part of February. On February 28th it was still visible in the 3-inch finder, and the 36-inch showed a faint nucleus.

Stormy weather has prevented observations of any of these comets since February 28th.

March 16, 1903.

R. G. AITKEN.

ASTRONOMICAL TELEGRAMS.

(Translations.)

CAMBRIDGE, MASS., Jan. 20, 1903.

To Lick Observatory: (Received 8:30 A. M.)

A comet was discovered by GIACOBINI at Nice on January 15th. It was observed at Nice on January 19.2498 G. M. T., in R. A. $22^{\text{h}} 57^{\text{m}} 48^{\text{s}}.0$; Decl. $+2^{\circ} 17' 36''$. The daily motion is east $17'$, north $12'$. (Signed) E. C. PICKERING.

BOSTON, MASS., Jan. 22, 1903.

To Lick Observatory: (Received 8:30 A. M.)

Comet *a 1903* (GIACOBINI) was observed by DINWIDDIE at Washington, on January 21.4915 G. M. T., in R. A. $23^{\text{h}} 0^{\text{m}} 6^{\text{s}}.5$; Decl. $+2^{\circ} 47' 46''$. (Signed) JOHN RITCHIE, JR.

CAMBRIDGE, MASS., Jan. 26, 1903.

To Lick Observatory: (Received 10 A. M.)

Kiel cables the following elements and ephemeris of Comet
a 1903:—

$$\begin{array}{lcl} T = 1903, \text{ March } 24.84 \text{ G. M. T.} \\ \omega = 133^{\circ} 37' \\ \Omega = 2 \quad 32 \\ i = 30 \quad 30 \end{array} \left. \vphantom{\begin{array}{l} T \\ \omega \\ \Omega \\ i \end{array}} \right\} 1903.0$$

nat. $q = 0.4085$

Brightness on Jan. 25 = 1.46, on Feb. 6 = 2.64.

(Signed) E. C. PICKERING.

[The ephemeris at 4-day intervals from January 25th
to February 6th is here omitted.]

CAMBRIDGE, MASS., Jan. 26, 1903.

To Lick Observatory: (Received 1 P. M.)

SEARES telegraphs that he observed Comet Giacobini on
January 25.5643 G. M. T., in R: A. $23^{\text{h}} 4^{\text{m}} 38^{\text{s}}.3$; Decl.
 $+ 3^{\circ} 48' 16''$. (Signed) E. C. PICKERING.